

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/821,229

Filing Date: April 8, 2004

Applicant(s): Tara Ziolo et al.

Group Art Unit: 3733

Examiner: Steven J. Cotroneo

Title: BONE FIXATION DEVICE

Attorney Docket: 5490E-000365

Director of the United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

DECLARATION UNDER 37 C.F.R. § 1.131

Sir:

I hereby declare under penalty of perjury as follows:

1. That I am one of the inventors of the above-identified application.

2. That the invention was conceived and reduced to practice in this country prior to September 3, 2003—the filing date of United States Publication No. 2005/0049593 to Duong.

3. That the redacted engineering drawings of Exhibit A illustrate the various components of the subject invention that were produced by an in-house manufacturing facility of the assignee and shown to work for their intended purpose prior to September 3, 2003—the filing date of United States Publication No. 2005/0049593 to Duong.

4. That each of the redacted drawings of Exhibit A bears a date prior to September 3, 2003.

5. That the invention has never been abandoned, suppressed, or concealed.

6. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are being made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, and patent issuing thereon, or any patent to which this verified statement is directed.

Dated: 11/16/09

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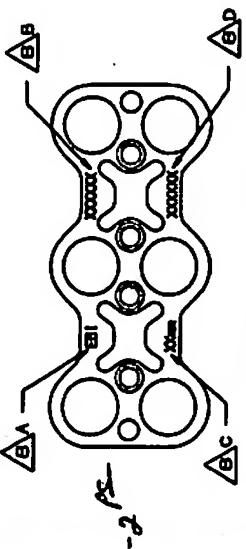
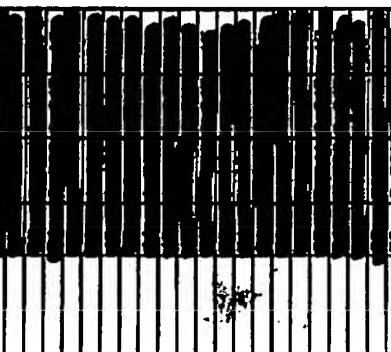
Rui Ferreira

EXHIBIT A

PART NO. SIZED DIM ADIN BIDING C

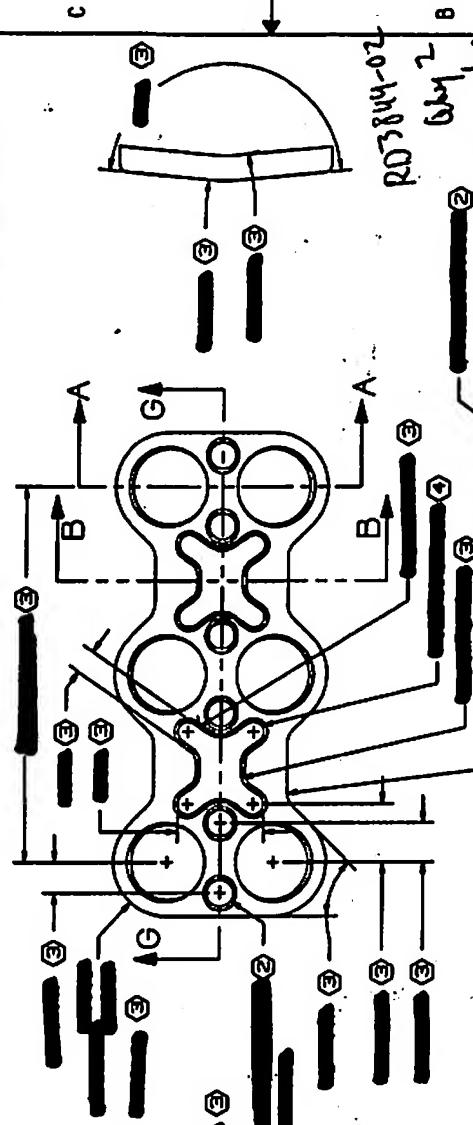
APPROVALS MAINTAINED ELECTRONICALLY WITHIN AGILE SYSTEM

REV	SD NO.	DOVER/ No.	DESCRIPTION	DRAFT	DATE	APPROVED
A			RELEASED FOR DEVELOPMENT	TZ		



LASER ETCH DETAIL ON PLATE BOTTOM

BENDING/ FINISHING DETAIL

HOLE DETAIL
(REFERENCE FOR MACHINING/
PROGRAMMING ONLY)

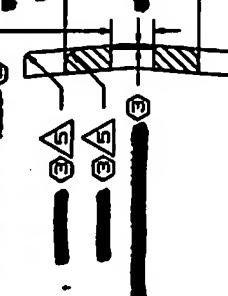
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SECTION B-B

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- NOTES:
1 ALL MACHINED SURFACES TO HAVE A SURFACE SECTION A-A FINISH OF $\sqrt{2}$ OR SMOOTHER UNLESS OTHERWISE SPECIFIED.
2 BEAD BLAST PER SPEC #741019
3 PASSIVATE PER SPEC #741000

SYMBOL O INDICATES INSPECTION LEVEL.
REF PROCEDURE 743001!

- 4** LASER ETCH PER SPEC #741005 IN AREAS SHOWN:
CHARACTERS ARE TO BE HIGH

- 5** R.050 ON STRAIGHT SIDES PULL RADIUS TOOL OUT ALONE TO A PARTIAL RADIUS OF $\frac{1}{2}$ INCHES ON THE ENDS OF THE PLATE

- 6** LONGITUDINAL BEND OF **[REDACTED]** AFTER MACHINING

MANUFACTURING

PART NO.
SEE TABLE

ITEM

QTY	PART NUMBER	DESCRIPTION	REMARKS	ITEM
1	RD38W4-02	2 LEVEL PLATE 24MM - 70MM LENGTH	1	A

ISOMETRIC VIEW

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

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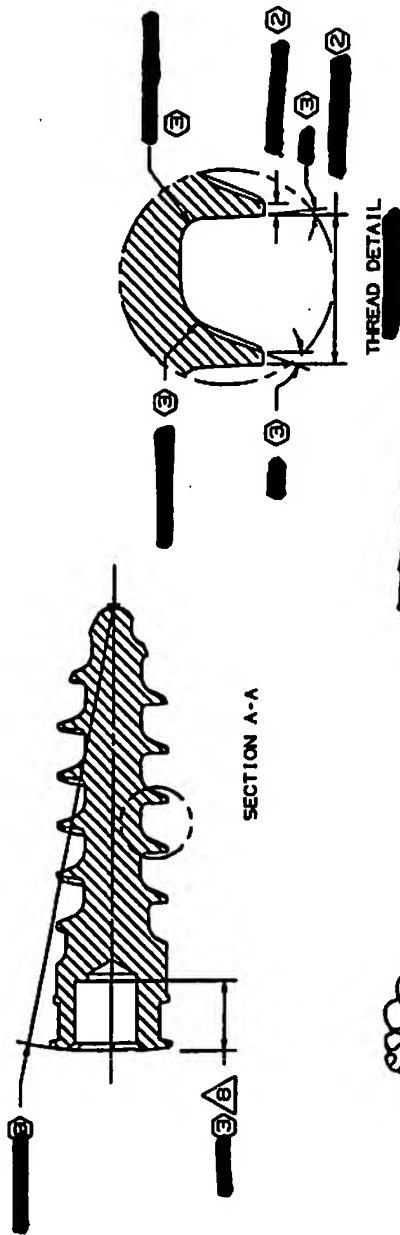
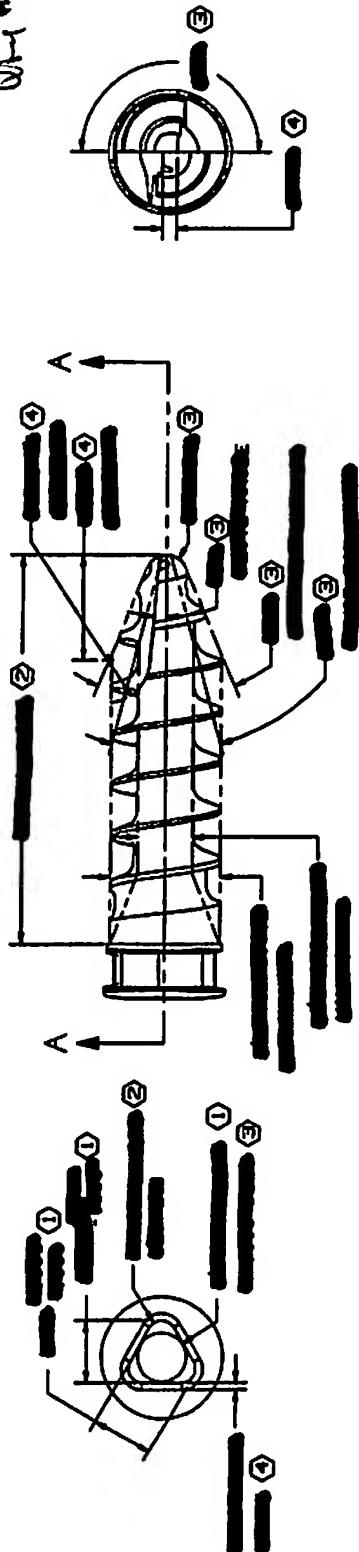
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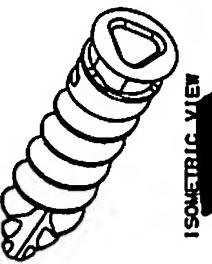
PART NO.	SIZE	LENGTH	DIA A	FINISH	REVISIONS					
					REV	EN NO.	DOOR/DOOR NO. PER-	DESCRIPTION	DEPT	DATE APPROVED
				TITANIUM ANODIZE AS PER EBI SPEC 080077.A00 COLOR (LIGHT GREEN)	A					
				PASSIVATE PER EBI SPEC #74.000						
				TITANIUM ANODIZE AS PER EBI SPEC 080077.A00 COLOR (DARK BLUE)						
				TITANIUM ANODIZE AS PER EBI SPEC 080077.A00 COLOR (LIGHT BLUE)						
				TITANIUM ANODIZE AS PER EBI SPEC 080077.A00 COLOR (DARK MAGENTA)						
				TITANIUM ANODIZE AS PER EBI SPEC 080077.A00 COLOR (DARK RED)						

RD3844-04

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MANUFACTURING



CONTRIBUTOR'S VIEW

- NOTES:**

 - 1 ALL MACHINED SURFACES TO HAVE A SURFACE FINISH OF $\frac{3}{16}$ " OR SMOOTHER UNLESS OTHERWISE SPECIFIED
 - 2 BEAD BLAST PER SPEC #741019
 - 3 SYMBOL  INDICATES INSPECTION LEVEL.
REF PROCEDURE 743001
 - 4 INSPECT PARTS USING OVERLAY NUMBER XXXXX
 - 5 SEE #741033 FOR HANDLING PRECAUTION
 - 6 VISUAL END OF THREAD RUNOUT
 - 7 REF DIMENSIONS FOR MACHINING AND PROGRAMMING
 - 8 DIMENSION TO THEORETICAL CORNER 
 - 9 GEOMETRY SYM 

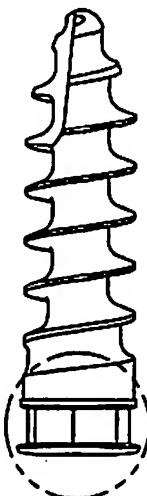
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R03844-04

04444

REVISIONS
ONE



RAIL NO. RADIX-CENTER Y-CENTER

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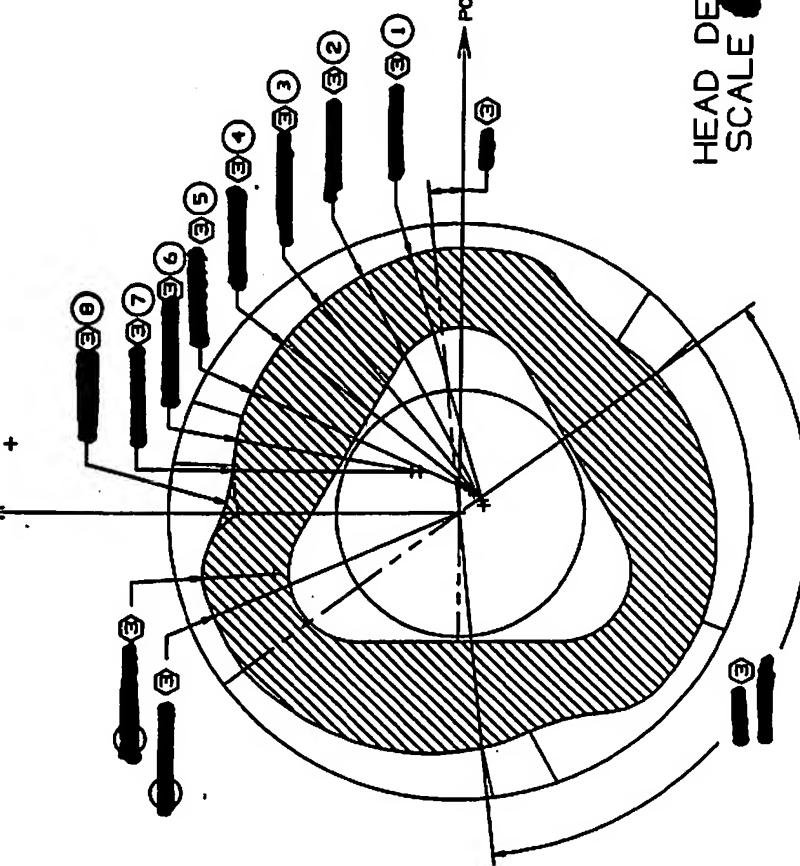
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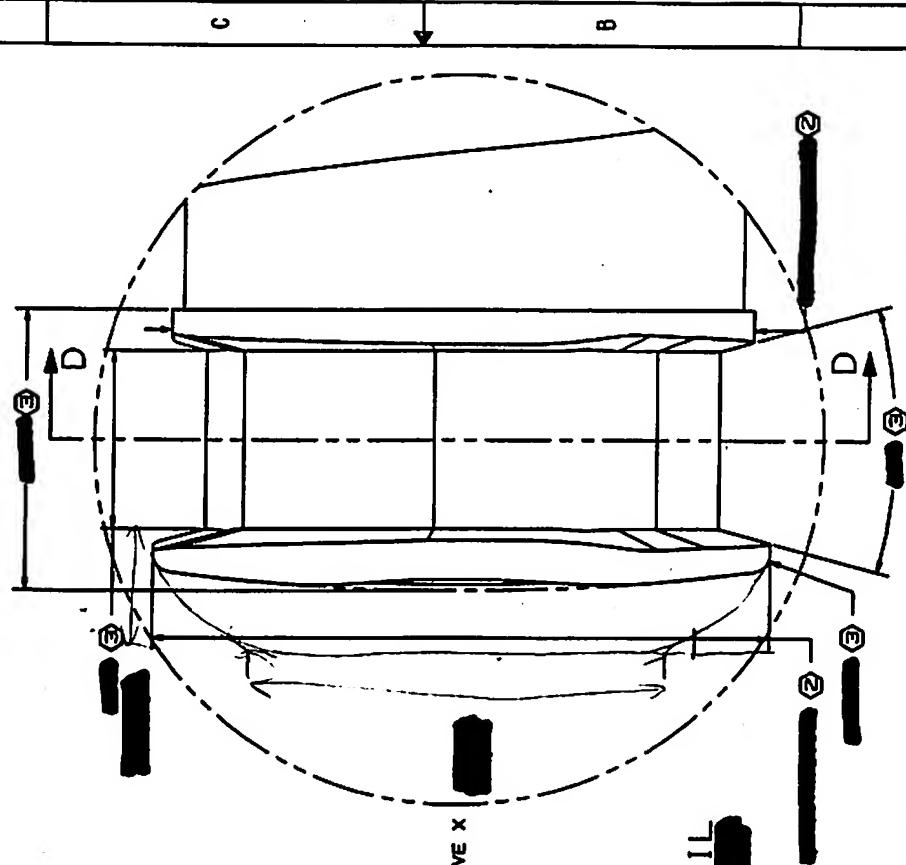
POSITIVE Y



- NOTES:
- 1 CAN PROFILE IS DIMENSIONED FOR ONE OF THE THREE LOBES. LOBES ARE [REDACTED] APART.
 - 2 CAN ORIENTED WITH RESPECT TO THE TRIANGLE DRIVE AS SHOWN.

HEAD DETAIL
SCALE

POSITIVE X



PART NO.
PART

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SITE 1	DRW NO.	REV.
C	[REDACTED]	A

SHEET 2 OF 2

MANUFACTURING

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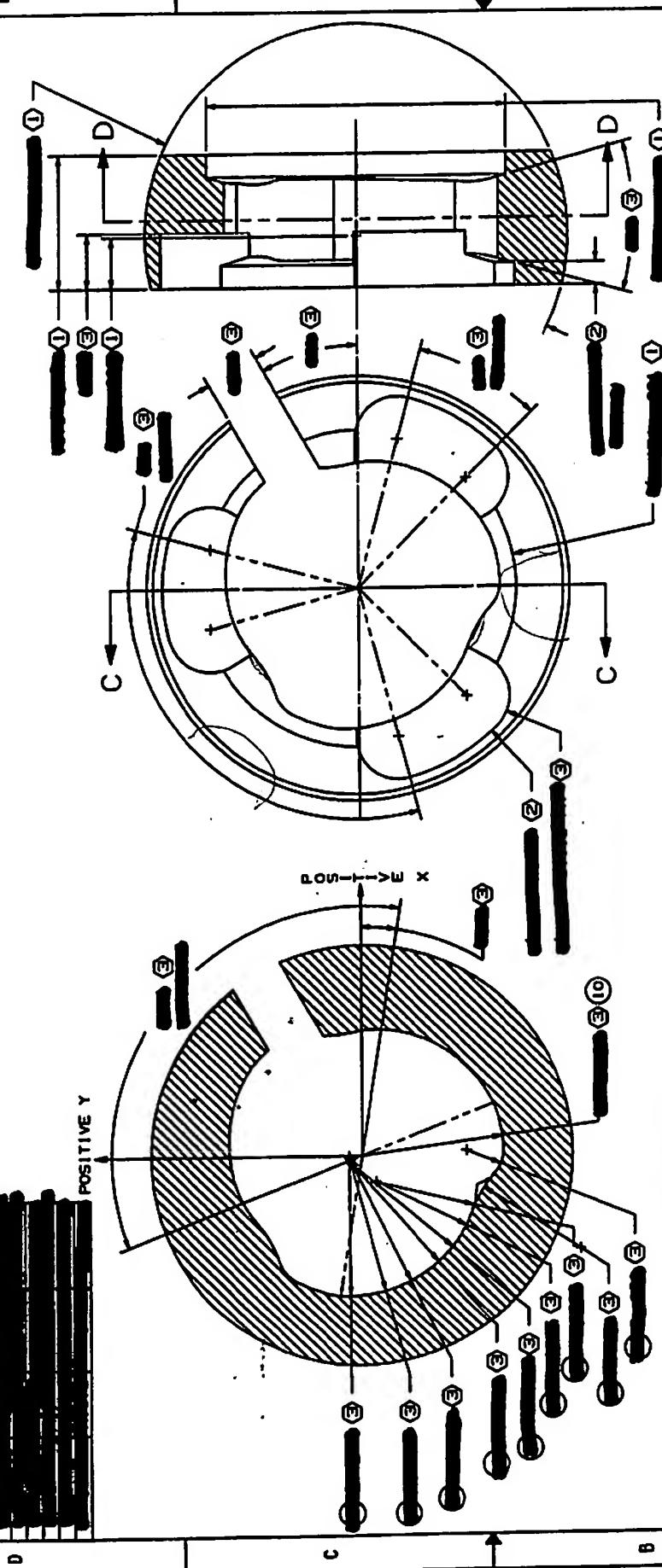
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ଶ୍ରୀମତୀ କୁମାରୀ ମହାନ୍ତିର ପାଦମୂଳରେ ଏହାମାତ୍ରାଜୀବି କରାଯାଇଥିଲା

REVISIONS				DESCRIPTION	CHG	DATE	APPROVED
REV	DR. NO.	DOC/GEN. NO.	DRR-	RELEASED FOR DEVELOPMENT	VZ		
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NOTES!

- 1** ALL MACHINED SURFACES TO HAVE A SURFACE FINISH OF $\sqrt{2}$ OR SMOOTHER UNLESS OTHERWISE SPECIFIED

2 BEAD BLAST PER SPEC #741019

3 PASSIVATE PER SPEC #711000

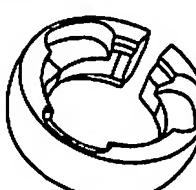
4 TITANIUM ANODIZE AS PER EBI SPEC 060077. AND COLOR (GOLD)

5 CAN PROFILE IS DIMENSIONED FOR ONE OF THE THREE LOBES. LOBES ARE [REDACTED] APART.

6 CAM ORIENTED WITH RESPECT TO THE DRIVE MECHANISM AS SHOWN.

7 THE NUMBER IN THE CIRCLE INDICATES WHICH RADIUS NUMBER TO REFER TO FOR THE CORRESPONDING X AND Y DIMENSIONS TO LOCATE ITS CENTER

RD 3844 -



PART No.
P-107

SECTION C-C

MANUFACTURING		AD PART NUMBER
R02844-05		
PART NO.		REMARKS
		DATE ISSUED OR DESCRIPTION
SECTION C-C		

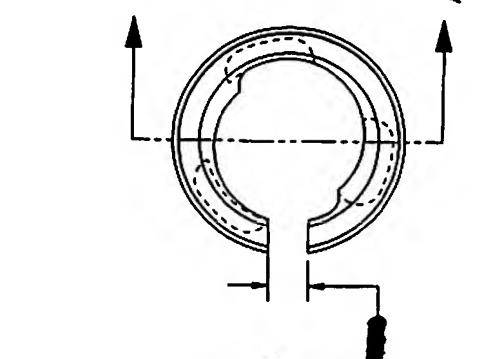
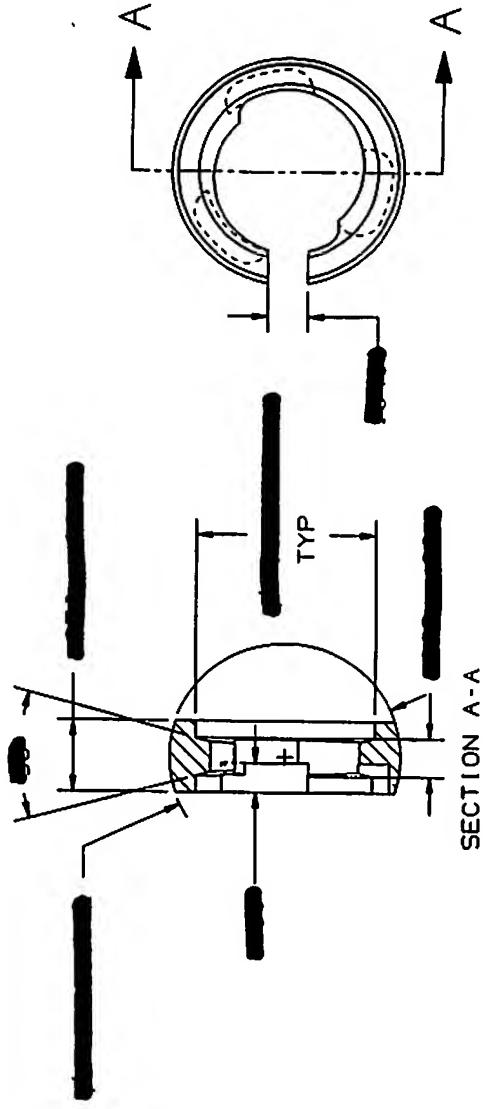
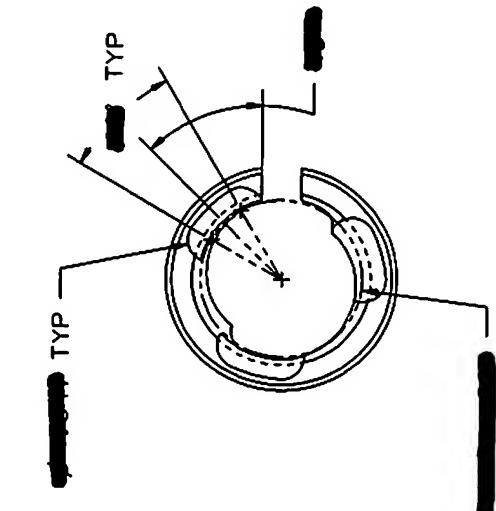
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MANUFACTURER.

APPROVALS MAINTAINED ELECTRONICALLY WITHIN AGILE SYSTEM

REVISIONS

REV	EN NO.	DCR/ECR No.	DESCRIPTION	DRAFT	DATE	APPROVED
A			RELEASE FOR DEVELOPMENT	SW		



1 ALL MACHINED SURFACES TO HAVE A SURFACE FINISH OF $\frac{32}{12}$ OR SMOOTHER UNLESS OTHERWISE SPECIFIED

2 MATERIAL TO MEET SPECS 065076.A00 AND ASTM F136.

3 PASSIVATE AS PER SPEC 741000

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MANUFACTURING
PART NO.
RD3770-1

(3)

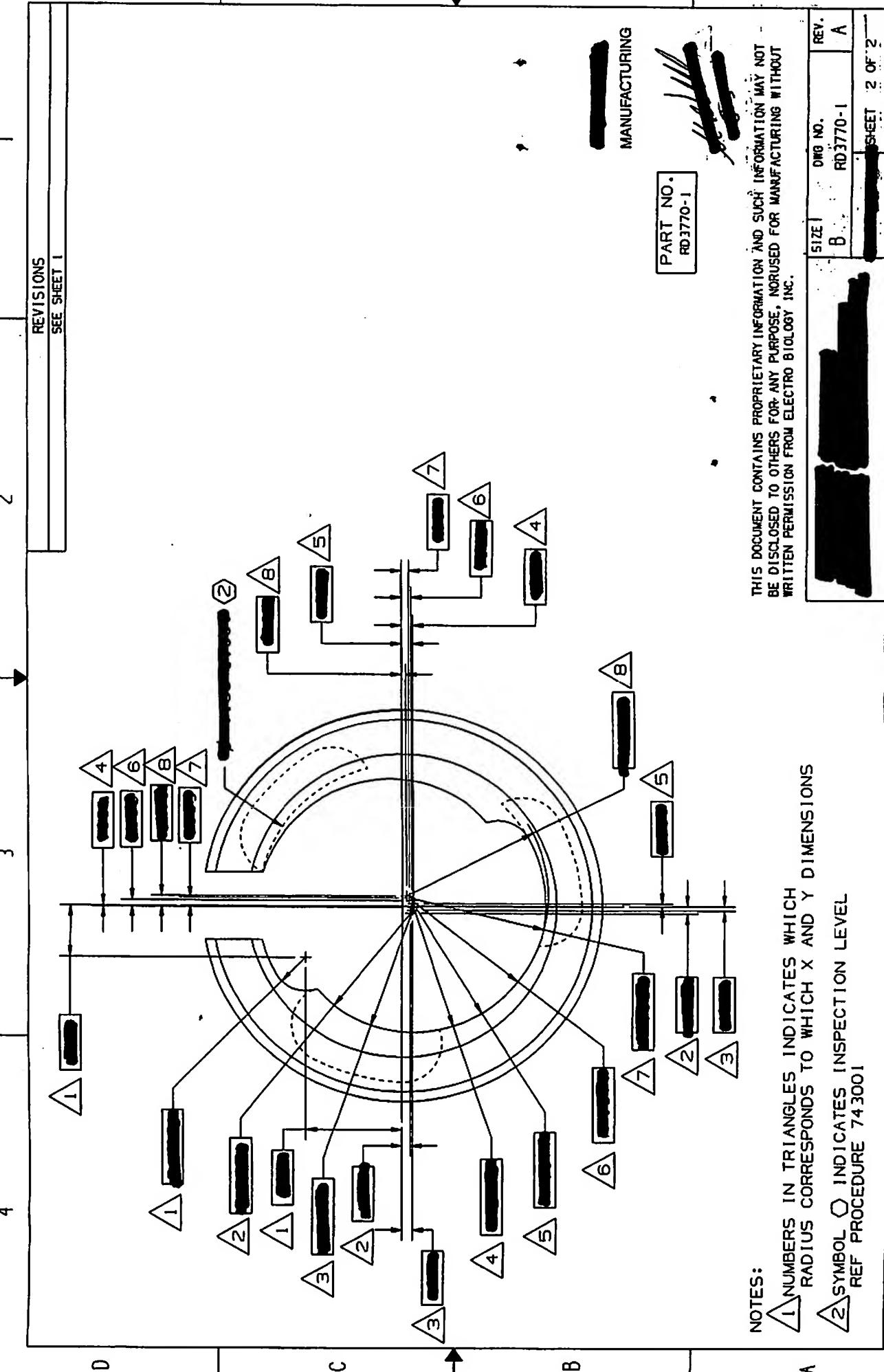
ITEM	ITEM	ITEM	ITEM
LIST OF MATERIALS			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ FRACTIONS $\pm 1/64$ ANGLES $\pm 1^\circ$	DRAFTER APPROVED	RESPONSIBLE ENG. <u>1/1/11</u>	QUALITY RELIABILITY
MATERIAL	T16A14V Δ	MANUFACTURING ENG.	TITLE DOUBLE CAM WASHER
FINISH	$\Delta\Delta\Delta$	FIRST USED ON	SIZE B
HARDNESS		SCALE	SCALE
ASSY			SHEET 1 OF 1

FILE NO. 00000001 REV. 1.1 rev

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SIZE	DRG NO.	REV.
B	RD3770-1	A
SHEET 2 OF 2		

NOTES:
 1 NUMBERS IN TRIANGLES INDICATES WHICH RADIUS CORRESPONDS TO WHICH X AND Y DIMENSIONS
 2 SYMBOL INDICATES INSPECTION LEVEL
 REF PROCEDURE 743001